

**ADVANCED INSTITUTIONAL LEVEL BIOTECH HUB,
S. KULA WOMEN'S COLLEGE, NAMBOL, MANIPUR.**

Report on a 5-Day Workshop on Biotechnology: Tools and application conducted by Advanced Institutional Level Biotech Hub, S. Kula Women's College, Nambol, Manipur on 22nd - 26th October, 2018

A 5-Days Hands-on Training/Workshop programme was held at S. Kula Women's College, Nambol, Manipur with effect from 22nd - 26th October, 2018. The Advanced Institutional Level Biotech Hub, S. Kula Women's College, Nambol, Manipur organized such type of workshop/Hands on Training programme. All together 25 registered students & College teachers from different nearby institutions were participated the programme.

Inaugural Session:

The Hands-on Training/Workshop was inaugurated on 22nd October, 2018 at the Seminar Hall of Department of Biotechnology, S. Kula Women's College, Nambol, Manipur, with lighting the lamp by guests on the dais. Ms. Th. Pushparani Devi, JRF, Advanced Institutional Biotech Hub, S. Kula Women's College, Nambol, Manipur welcomed the guest and participants. The Inaugural address was given by Dr. Debananda Singh Ningthoujam, Coordinator, DBT– State Biotech Hub, Department of Biochemistry, Manipur University, Canchipur, Imphal. Mr. W. Robindro Singh, HoD/Coordinator, Advanced Institutional Biotech Hub, S. Kula Women's College, Nambol, Manipur delivered the keynote on the occasion. The Chief Guest, Dr. Debananda Singh Ningthoujam, Coordinator, DBT– State Biotech Hub, Department of Biochemistry, Manipur University, Canchipur, Imphal and Guest of Honour W. Nimai Singh, Coordinator, Advanced Institutional Biotech Hub, K. P. College, Hiyangthang, Manipur, both were delivered a thought-provoking lectures on the importance of Biotechnology, its tools and applications. At the end of the inaugural session, Mr. W. Robindro Singh, HoD/Coordinator, Advanced Institutional Biotech Hub presented Mementos to the dignitaries on the dais and this session was concluded by proposed vote of thanks by Dr. Romesh Sagolshemcha, Research Associate, Advanced Institutional Biotech Hub, S. Kula Women's College, Nambol, Manipur.

Technical Session -I: (22nd October, 2018)

Bench work-I (DNA Isolation)

23.10.2018 (TS-II)

Bench work-II (Gel-Preparation)

Bench work-III (Sample loading to Electrophoresis)

24.10.2018 (TS-III)

Bench work-IV (DNA detection)

Bench work-V (CTAB Preparation)

25.10.2018 (TS-IV)

Bench work-VI (Preparation of PCR master mix)

Bench Work-VII (Demo on PCR)

Bench work-VIII (PCR Run)

26.10.2018 (TS-V)

Bench work-IX (Quantification of amplified Sample by Spectrophotometer)

Bench work-X (Amplified DNA detection by Electrophoresis)

Programme Closed